

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO. 10019196-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Lung Tran et al.

Confirmation No.: 1295

Application No.: 09/963,933

Examiner: J. Mondt

Filing Date: 9/25/01

Group Art Unit: 2826

Title: MAGNETO-RESISTIVE DEVICE INCLUDING SOFT SYNTHETIC FERRIMAGNET  
REFERENCE LAYER

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

MAR 31 2004

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

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Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	5	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	1	MINUS	3	= 0	X \$86	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. ~~A duplicate copy of this sheet is enclosed.~~

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted  
to the Patent and Trademark Office facsimile  
number (703) 872-8318 on 3/31/2004  
Number of pages: 8

Typed Name: Hugh P. GortlerSignature: [Signature]

Lung Tran et al.

By [Signature]

Hugh P. Gortler

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Reg. No. 33,890

Date: 3/31/2004

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PATENT  
PDNO 10019196-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Tran et al.

: Confirmation No. 1295

Serial No. 09/963,933  
Filed: September 25, 2001

: Examiner J. Mondt  
: Group Art Unit: 2826

For: MAGNETO-RESISTIVE DEVICE INCLUDING SOFT SYNTHETIC  
FERRIMAGNET REFERENCE LAYER

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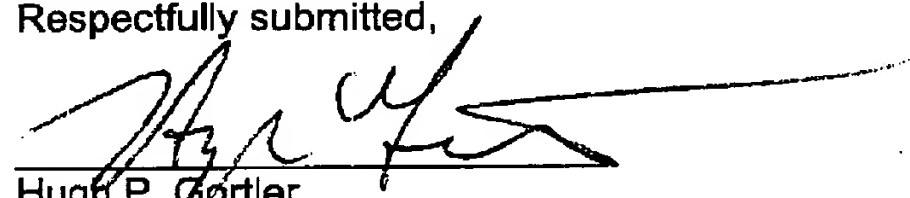
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Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

**AMENDMENT**

This is a response to the office action dated December 31, 2003. The response includes a section for amendments to the claims, and a section for remarks.

Respectfully submitted,

  
Hugh P. Gortler  
Reg. No. 33,890

I hereby certify that this correspondence is being  
facsimile transmitted to the  
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on March 31, 2004.

  
Hugh P. Gortler

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Date: March 31, 2004